

REMARKS

Claims 1-19 and 21-27 are presently pending. Claims 20 is cancelled without prejudice. Claims 1-19 and 21-27 were rejected. Claims 1, 12, and 22 are amended.

Claim 1 was rejected under 35 U.S.C. 102(b) as anticipated by 1988 IBM Technical Disclosure #NN8812461 ("IBM"). Examiner indicated that disclosed that "For each block of six bits transmitted, three bits are always at a "one" level and three bits are always at a "zero" level." Examiner also concluded that IBM disclosed "A block code arrangement for balancing the entire multiplexed data stream, via the utilization [of] only 'balanced' codes, thereby elimination low frequencies from the spectrum while permitting 'AC coupling'. Office Action p. 3 (Emphasis Added). Claim 1 is amended to include "wherein DC balancing further comprises adding at least one bit to said at least one component". Assignee that the "utilization [of] only 'balanced' codes" in IBM does not teach or fairly suggest "wherein DC balancing further comprises adding at least one bit to said at least one component". Accordingly, Examiner is requested to withdraw the rejection to claim 1, as well as dependent claims 2-11.

Claims 12 and 22 are rejected under 35 U.S.C. 103(a) as obvious from IBM and Examiner's Official Notice. Claims 12 and 22 are also amended to include "wherein DC balancing further comprises adding at least one bit to said at least one component", and, as noted above, IBM does not teach or fairly suggest "wherein DC balancing further comprises adding at least one bit to said at least one component." Accordingly, Examiner is requested to withdraw the rejection to claims 12 and 22, as well as dependent claims 13-19, and 23-27.

In view of the foregoing, it is respectfully submitted that the pending claims define allowable subject matter. Reconsideration and allowance is respectfully requested.

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Reply to Office Action of October 13, 2005

The Commissioner is authorized to charge any necessary fees or credit any overpayment to the Deposit Account of McAndrews, Held & Malloy, Account No. 13-0017.

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Respectfully submitted,



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